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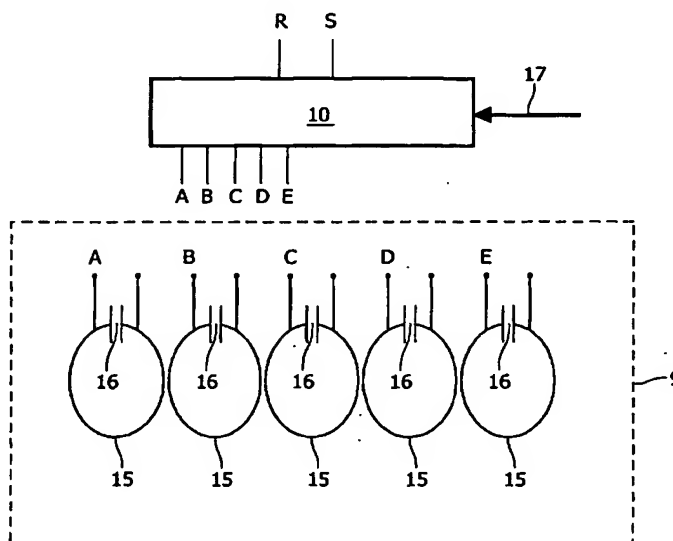
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(54) Title: **PARALLEL MR IMAGING METHOD**



(57) Abstract: The invention relates to a parallel magnetic resonance imaging method, in which core magnetization is excited in the examination volume of an MR device by generating at least one HF pulse. Two or more MR signals are then recorded in parallel from the examination volume via two or more receiving channels (R, S) of the MR device using an HF coil arrangement (9), which comprises a number of coil elements (15, 16) which is greater than the number of receiving channels (R, S), wherein the respective MR signal on each receiving channel (R, S) is formed by weighted superimposition of coil signals (A, B, C, D, E) of the individual coil elements (15, 16). Finally, according to the invention, an MR image is reconstructed from the recorded MR signals, the MR signals being combined with one another taking into account effective spatial sensitivity profiles associated with the individual receiving channels (R, S).

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